

THE CORRECT NAME FOR *THEROSCOPUS MICATOR* OF AUTHORS  
(HYMENOPTERA: ICHNEUMONIDAE)

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*Abstract.*—Recently, the name *Theroscopus rufulus* (Gmelin) has been incorrectly applied to the species long misidentified as *Theroscopus micator* (Gravenhorst). The correct name for the species in question is *Theroscopus oxyphymus* (Gravenhorst).

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From the original description, Carlson (1979:423) determined that the name *Ichneumon micator* Gravenhorst (1807) could not possibly apply to *Theroscopus micator* of authors and presumed that misidentifications of the species had evolved from Gravenhorst's (1829) expanded definition of *micator*. Sawoniewicz (1978) studied the material identified as *micator* in the Gravenhorst collection, selected a lectotype which apparently agrees with the original description, and transferred *micator* to the genus *Aclastus*. For *Theroscopus micator* of authors, Sawoniewicz used the name *Theroscopus rufulus* (Gmelin) and suppressed a number of names, including *Hemiteles oxyphymus* Gravenhorst (the holotype of which he studied), as new synonyms of *T. rufulus*.

Sawoniewicz's usage of the name *rufulus* is based upon a specimen in the Gravenhorst collection which Sawoniewicz implied as having been labeled by Gravenhorst as *Cryptus rufulus*. That specimen agrees with Gravenhorst's (1829, v. 2, p. 622) usage of Gmelin's name (cf. Gravenhorst, 1829, v. 3, pp. 1086-1087). Unfortunately, that usage of the name *rufulus* is incorrect.

Gmelin proposed the name *Ichneumon rufulus* for *Synistata* species 311 of Zschach (1788), Zschach having published descriptions of numerous insects for which he provided no names. Zschach's *Synistata* species 366 and 312 through 316 were treated by Gmelin as varieties of *rufulus* and were designated by Greek letters rather than names, the usage of Greek letters for varieties being in the Linnean tradition (see Stearn, 1957:90-94). Because the specimens upon which Gmelin's varieties of *rufulus* are based do not qualify as syntypes of the name *rufulus* (see Stoll et al., 1964, p. 75,

art. 72 [a]), the name is restricted to species 311 of Zschach. The Gravenhorst-Sawoniewicz usage of the name *rufulus* is incorrect because it is based upon species 316 of Zschach (*rufulus* var.  $\zeta$  of Gmelin) and because it disagrees in critical respects with Zschach's description of species 311. *Theroscopus oxyphymus* (Gravenhorst) is the correct name for *Theroscopus micator* of authors and *Theroscopus rufulus* sensu Sawoniewicz. Zschach's description of species 311 disagrees with *T. oxyphymus* by indicating that the mouth (clypeus and/or mandibles?) is red, that abdominal tergite 3 is red (rarely entirely red, but often entirely black, in *oxyphymus* females), and that the legs are red (Zschach's wording "geniculis posticis fuscis" with respect to his species 316 [not 311] being a major point of agreement between 316 and *oxyphymus*). The complete synonymy for *T. oxyphymus* is given below.

*Theroscopus oxyphymus* (Gravenhorst), revised status

*Ichneumon* sp. Zschach, 1788:68, no. 316. ♀.

*Ichneumon rufulus* var.  $\zeta$  Gmelin, 1790:2717. ♀.

*Cryptus rufulus*: Gravenhorst, 1829, v. 2, p. 622; misapplication of name *Ichneumon rufulus* Gmelin to *rufulus* var.  $\zeta$  Gmelin.

*Hemiteles luteiventris* Gravenhorst, 1829, v. 2, p. 812. ♂. NEW SYNONYM.

*Hemiteles oxyphymus* Gravenhorst, 1829, v. 2, p. 815. ♂.

*Hemiteles micator*: Gravenhorst, 1829, v. 2, p. 833; misidentification, in part, of *Ichneumon micator* Gravenhorst, 1807:260.

*Hemiteles ruficoxus* Provancher, 1874:331. ♂, ♀. NEW SYNONYM.

*Phygadeuon cornutus* Provancher, 1882:334, 356. ♀. NEW SYNONYM.

*Hemiteles politus* Bridgman, 1883:146. ♀.

*Phaeogenes recticornis* Provancher, 1886:42. ♂, ♀. NEW SYNONYM.

*Aenoplegimorpha phytonomi* Viereck, 1912:147. ♂.

*Hemiteles (Eriplanus) metacommet* Viereck, 1917:340. ♀.

*Phygadeuon silesiacus* Habermehl, 1919:104. ♀. NEW SYNONYM (uncertain; placed as a synonym of *micator* by Habermehl, 1926:331).

ACKNOWLEDGMENTS

Dr. Arnold S. Menke's constructive criticism of the manuscript was very helpful and is greatly appreciated. I thank Dr. Curtis W. Sabrosky for his helpful suggestions, and I am grateful to Dr. D. H. Nicholson (Dept. of Botany, Smithsonian Institution) for providing me with the reference discussing the Linnean usage of Greek letters for varieties.

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